

AMENDMENTS TO THE SPECIFICATION

Pages 16 and 17, please amend 2nd complete paragraph as follows:

The conducting material can be deposited in the form of an ink. A small concentration of semiconducting polymer can be added to the (e.g.) ink of the conducting material, either by directly dissolving the semiconducting material in the conducting ink solvent, or by mixing in a cosolvent miscible with the solvent of the conducting ink, or by dispersing the semiconducting material inside the conducting polymer ink using a surfactant. When the ink dries after deposition, the semiconducting polymer has a tendency to segregate to the surface (due to its less polar nature), and near the surface a mixed layer 13, 19 of conducting and semiconducting material is formed in which effective doping of the semiconducting material occurs. The semiconducting polymer may be the same polymer that is used as the active layer of the device, or it may be a different polymer.

Page 17, please amend 1st complete paragraph as follows:

Alternatively, layer 13, 19 can be a self-aligned layer of dopants and/or layer of defined surface charge ~~may be~~ formed by mixing the ink of the conducting electrode material with a surface active molecule, or by selectively modifying the surface after deposition of the conducting electrodes.